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Paul E. Debevec, Jitendra Malik
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**2  Creating full view panoramic image mosaics and environment maps**
Richard Szeliski, Heung-Yeung Shum
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**Keywords:** environment mapping, full-view panoramic image mosaics, image-based rendering, virtual environments

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**3  Protecting digital media content**
Nasir Memon, Ping Wah Wong
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Full text available: pdf(1.02 MB)    Additional Information: full citation, references, citings, index terms, review

**4  Every picture tells a story: learning to look at space scientific data images**
George Tuthill, Stephanie Stevenson
November 1998    **Proceedings of the 1998 ACM/IEEE conference on Supercomputing (CDROM)**
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Understanding scientific image data requires us to connect two-dimensional images to three-dimensional reality. Our knowledge of space science changes as our skill for seeing what is in the night sky increases. With eyes as their only tools, early people surveyed the skies, telling stories to explain what they observed. For centuries humankind studied the sky adding new perceptions to the old. The advent of telescopes provided even better means of observation. This clearer sight contributed to a ...

**Keywords:** K-12, NASA, astronomy, national science standards, scientific image data, visualization

**5  Resources, tools, and techniques for problem based learning in computing**
Ainslie Ellis, Linda Carswell, Andrew Bernat, Daniel Deveaux, Patrice Frison, Veijo Meisalo, Jeanine Meyer, Urban Nulden, Joze Rugelj, Jorma Tarhio
December 1998    **Working Group reports of the 3rd annual SIGCSE/SIGCUE ITiCSE conference on Integrating technology into computer science education**
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The Quick Start Guide to the GIMP, Part 2
Michael J. Hammel
December 1997 **Linux Journal**

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[7] Opportunities for watermarking standards
Fred Mintzer, Gordon W. Braudaway, Alan E. Bell
July 1998 **Communications of the ACM**, Volume 41 Issue 7

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[8] Highly scalable image coding for multimedia applications
Jie Liang
November 1997 **Proceedings of the fifth ACM international conference on Multimedia**

Full text available: pdf(1.54 MB)　　　Additional Information: full citation, references, citings, index terms

[9] Cyberguide: a mobile context-aware tour guide
Gregory D. Abowd, Christopher G. Atkeson, Jason Hong, Sue Long, Rob Kooper, Mike Pinkerton
October 1997 **Wireless Networks**, Volume 3 Issue 5

Full text available: pdf(596.81 KB)　　　Additional Information: full citation, abstract, references, citings, index terms

Future computing environments will free the user from the constraints of the desktop. Applications for a mobile environment should take advantage of contextual information, such as position, to offer greater services to the user. In this paper, we present the Cyberguide project, in which we are building prototypes of a mobile context-aware tour guide. Knowledge of the user's current location, as well as a history of past locations, are used to provide more of the kind of services that we co ...

[10] Mars attacks!
Suzanne Datz
January 1997 **ACM SIGGRAPH 97 Visual Proceedings: The art and interdisciplinary programs of SIGGRAPH '97**

Full text available: pdf(380.08 KB)　　　Additional Information: full citation, index terms

[11] CSCW and the Internet
Sara Bly, Susan Anderson
December 1996 **ACM SIGOIS Bulletin**, Volume 17 Issue 3

Full text available: pdf(1.90 MB)　　　Additional Information: full citation, index terms

[12] Interface tools: Distributed architectures for pen-based input and diagram recognition
Wayne Citrin, Mark D. Gross
May 1996 **Proceedings of the workshop on Advanced visual interfaces**

Full text available: pdf(1.25 MB)　　　Additional Information: full citation, abstract, references

We present a system supporting pen-based input and diagram recognition that employs a personal digital assistant (PDA) as an intelligent input device for the system. Functionality is distributed between the PDA and the main computer, with the PDA performing low-level shape recognition and editing functions, and the back-end computer performing high-level recognition functions, including recognition of spatial relations between picture elements. This organization provides a number of advantages o ...

Keywords: diagram recognition, graphical editors, pen-based interfaces

[13] An architectural approach to building systems from COTS software components
Mark R. Vigder, John Dean
November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

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As software systems become increasingly complex to build developers are turning more and more to integrating pre-built components from third party developers into their systems. This use of Commercial

Off-The-Shelf (COTS) software components in system construction presents new challenges to system architects and designers. This paper is an experience report that describes issues raised when integrating COTS components, outlines strategies for integration, and presents some informal rules we have ...

[14] Fast detection of communication patterns in distributed executions
Thomas Kunz, Michiel F. H. Seuren
November 1997  **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**
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Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

[15] Student art Gallery
Rosalee J. Wolfe, Jodi Giroux-Lang, Lynn Pocock, Karen Sullivan
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[16] Editorial
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[17] Overview of a telepresence environment for distributed musical rehearsals
Dimitri Konstantas
February 1998  **Proceedings of the 1998 ACM symposium on Applied Computing**
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[18] Design issues and alternatives for setting up real-time interactive Telelectures
Constantin Arapis, Dimitri Konstantas, Thomi Pilioura
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Keywords: ATM, Internet, multimedia, teleconferencing, teleeducation

[19] A Linux-based Lab for Operating Systems and Network Courses
Richard Chapman, W. H. Carlisle
September 1997  **Linux Journal**
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